
From: R6HarveySITL
Sent: Saturday, September 16, 2017 6:04 AM
To: Mason, Steve
Subject: Fw: Hurricane Harvey ESF-10 Texas Situation Report #17 for 9-15-17
Attachments: Hurricane Harvey ESF-10 Texas Situation Report #17 for 09-15-17.docx

From: R6HarveySITL
Sent: Friday, September 15, 2017 8:41 PM
To: Amy.Woods@rooney-eng.com
Subject: Fw: Hurricane Harvey ESF-10 Texas Situation Report #17 for 9-15-17

From: Kennedy, Aisha
Sent: Friday, September 15, 2017 8:33 PM
To: Loesel, Matthew; R6HarveySITL; R6HarveyPSC; Aten, Brandon J LT
Cc: Smalley, Bryant; Restivo, Angela; Buchanan, Kayla
Subject: Hurricane Harvey ESF-10 Texas Situation Report #17 for 9-15-17
Aisha Kennedy
U.S. EPA Region 9
Enforcement Division, ENF-2-2
Tel: (415) 972-3301
Email: kennedy.aisha@epa.gov

From: McDowell, Justin
Sent: Friday, September 15, 2017 10:35 AM
To: Loesel, Matthew ; R6HarveySITL ; R6HarveyPSC ; Aten, Brandon J LT ; Kennedy, Aisha
Cc: Smalley, Bryant ; Restivo, Angela ; Buchanan, Kayla
Subject: UPDATED SITREP/ FW: M6H1 – Harvey Response - SitRep for 9/14/2017 corrected
The Data Support had a technical error last night on Table 5 and the table has be updated into the SITREP.
Justin McDowell

From: Vira Yakusha [<mailto:VYakusha@css-inc.com>]
Sent: Friday, September 15, 2017 9:23 AM
To: kris.fuller@westonsolutions.com; Burgo, Daniel <Burgo.Daniel@epa.gov>; Loesel, Matthew <loesel.matthew@epa.gov>; ESF10HarveySituation@gmail.com; McDowell, Justin <McDowell.Justin@epa.gov>; jillian.m.hoffman2@uscg.mil; brandon.j.aten@uscg.mil; robert.c.harris@uscg.mil; gollp4242@gmail.com; Kennedy, Aisha <Kennedy.Aisha@epa.gov>; Janine.Latham@WestonSolutions.com
Cc: R6HarveyInfo <R6HarveyInfo@epa.gov>
Subject: M6H1 – Harvey Response - SitRep for 9/14/2017 corrected
All,

There was a technical error in the yesterday's SitRep numbers.

Haz Eval counts for Charlie and NRC are corrected now.

Attached is the corrected report.

I am truly sorry for my mistake and will make sure it won't happen in the future.

Let me know if you have any questions or comments.

Vira.



Vira Yakusha

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Hurricane Harvey-Texas
ESF-10
Situation Report #17

Subject: SITREP #17
To: Agency Leads
Thru: Maggie Waldon, PSC
From: Unified Command
Date: 9/15/2017
Reporting Period: 9/15/2017

1. Introduction

1.1. Background

Hurricane Harvey made landfall at 2300 ET, August 26th, as a Category 4 storm near Rockport, Texas. Harvey stalled over southeastern TX. Due to its slow motion and a prolonged period of onshore flow, the impacted areas received more than 50 inches of precipitation which subsequently led to catastrophic flooding.

An ESF-10 Mission Assignment was signed on August 28, 2017. The US Environmental Protection Agency (EPA), Texas Commission on the Environmental Quality (TCEQ), Texas General Land Office (TGLO) and the US Coast Guard (USCG) have entered into Unified Command to begin the evaluation, clean-up and recovery of spills, releases, vessels and orphan containers.

2. Current Activities

2.1. Operations Section

On September 17, 2017, Unified Command continued operations in accordance with the Natural Disaster Operational Workgroup (NDOW) Standard Operating Procedures, NDOW forms and Response Manager. The Unified Command is supported by three operational branches: Alpha Branch in Corpus Christi, Bravo Branch in Houston and Charlie Branch in Port Arthur. Hazard Evaluation, Oil Discharge Assessment and Recovery, as well as Orphan Container Evaluation and Recovery teams continued working throughout the Alpha, Bravo and Charlie Branches. Drinking Water (DW) and Waste Water (WW) Assessment teams were active in the Bravo and Charlie Branches.

- The Portable High-Throughput Integrated Laboratory Identification System (PHILIS) will finish sample processing on September 15, 2017.
- EPA's mobile air monitoring Trace Atmospheric Gas Analyzer (TAGA) bus is being used to screen specific areas for target contaminants that are affiliated with the aftermath of Hurricane Harvey. They will continue monitoring force majeure facilities in the Houston and Beaumont areas.

Mission Assignment:

Request ESF-10 assistance to the State of Texas in support of assessment and response operations to actual or threatened hazardous materials and oil releases/discharges as covered under Category B (Emergency Protective Services) for Public Assistance. The assistance includes response to releases/discharges from fixed facilities, vehicles, intermodal container (to include orphaned containers) and vessels (mobile) sources to remove the threat of imminent danger or contamination to the public that could be caused by any release.

Table 1: Mission Assignments			
Funding Sources	Description	Funding Ceiling	End Date
MA 4332DR-TX-EPA-03	As requested by the State of Texas, provide assessment and emergency response support to the State including water/wastewater treatment plant assessments, aerial assessments	\$10,092,000	9/22/2017
USCG MA D17BA1	USCG will provide oil and hazardous materials field response which may include but not limited to the placement of vessels removed of pollutions to a pre-determined staging area; providing specialized expertise; conducting damage assessment of oil/hazmat waste impact via air and/or water; contractor oversight; evaluating hazards; and/or response, removal, or disposal of: actual and potential oil discharges, and releases of hazardous materials, pollutants and contaminations, and remove pollutants from vessels in or upon navigable waters and adjoining shoreline.	\$20,000,000	9/21/2017

Liaison Officers continue to provide information to the Local Emergency Planning Committees (LEPCs), Emergency Operation Centers (EOC), and Emergency Managers.

Public Information Officers closed out a media inquiry for Bloomberg, sent a Unified Command press release to media, elected officials, non-governmental organizations, industry and uploaded it to EPA website. The Assistant Public Information Officer compiled US Coast Guard photos for distribution.

Table 2: Drinking Water and Waste Water Assessments Evaluated by Phone and On-site		
Assessment Types	Daily Assessments	Total Assessments
On-Site DW Assessments	3	610
On-Site WW Assessment	3	421
Phone DW Assessments	136	6900
Phone WW Assessments	12	4653

Table 3: Field Teams on 9/15/2017 – per IAP #16				
Teams	Alpha	Bravo	Charlie	Total
Hazard Evaluation	1	1	4	6
Oil Discharge Assessment	4	3	0	7
ER/Orphan Container Recovery	1	15	4	20
Oil/Vessel Recovery	2	1	0	3
Staging Areas	1	1	1	3
Air Operations	0	1	0	1
Air Monitoring	0	1	0	1
Water Infrastructure Assessment – DW	0	1	0	1
Water Infrastructure Assessment – WW	0	1	0	1
Totals	9	25	9	43

Table 4: Daily/Cumulative Summary of Hazard Evaluations/Recovery*				
Status	Opened		Closed	
	9/15/2017	Number of Targets Remaining Open	9/15/2017	Cumulative
Alpha Branch	1	7	2	99
Bravo Branch	1	44	57	325
Charlie Branch	1	34	24	90
NRC Reports	1	2	0	3
Totals	4	87	83	517

*The data from Response Manager has undergone a complete QA/QC and data was corrected as necessary. Due to this effort, numbers of targets Open and Closed has changed from previous reports. The data now shows a more accurate picture of targets remaining open and those which have been closed.

Note: Open means the target is yet to be recovered. Closed means the target was recovered/left in place or access was denied to collect the item.

Table 5: Waste Received at All Staging Pads to Date						
CONTAINERS					TOTALS	
Date	Drums [55gal]	Small Containers [< 55gal]	Large Containers [> 55gal]	Cylinders	Total Items Collected Today	Total Items Collected Project to Date
9/15/2017	45	21	2	6	74	591
Totals	313	191	19	68		

Table 6: Daily/Cumulative Summary of Spills/Discharges (NON-VESELS)*				
Opened			Closed	
Status	9/15/2017	Number of Facilities/Spills Remaining Open	9/15/2017	Cumulative
Alpha Branch	1	1	0	33
Bravo Branch	0	4	1	74
Charlie Branch	2	9	4	17
NRC Reports	2	19	3	103
Totals	5	33	8	227

*The data from Response Manager has undergone a complete QA/QC and data was corrected as necessary. Due to this effort, numbers of targets Open and Closed has changed from previous reports. The data now shows a more accurate picture of targets remaining open and those which have been closed.

Note: Open means the target is yet to be recovered/cleaned up. Closed means the target was recovered/cleaned up by an RP or not found upon return to location.

Table 7: Daily/Cumulative Summary of VESSELS*				
Status	Opened		Closed	
	9/15/2017	Number of Vessels Remaining Open	9/15/2017	Cumulative
Alpha Branch	7	198	0	260
Bravo Branch	0	32	1	42
Charlie Branch	3	49	5	14
NRC Reports	0	2	0	10
Totals	10	281	6	326

*The data from Response Manager has undergone a complete QA/QC and data was corrected as necessary. Due to this effort, numbers of targets Open and Closed has changed from previous reports. The data now shows a more accurate picture of targets remaining open and those which have been closed.

Note: Open means the target is yet to be recovered. Closed means the target was recovered/cleaned up by an RP or not found upon return to location.

Other Notable Activities

ALPHA BRANCH

Oil/Vessel Discharge Team 2 responded to NRC and ChemTel emergency response reports of active pollution discharges and initiated actions to recover the pollution. Oil/Vessel Discharge Team 1 assessed salvage operations of the Signet Enterprise at Aransas Pass and assessed pollution reports, and assessed targets in Sea Drift, Victoria Barge Canal and surrounding area. Oil Discharge Assessment Team 1 and Team 2 conducted area familiarization for new personnel and assessed conditions and verified presence of existing targets.

BRAVO BRANCH

The Oil Discharge Assessment Teams updated facility and vessel information in Response Manager and are investigating an NRC report for a spill in Montgomery County.

The Emergency Response and Orphan Recovery Teams recovered orphaned containers in Galveston, Harris, and Brazoria Counties.

CHARLIE BRANCH

The Hazard Evaluation Teams conducted assessments at Beaumont Yacht Club and confirmed the removal of a pontoon boat that occurred on September 14, 2017. An assessment of Marine Fueling Inc. in South Port Arthur was conducted and the owner was ordered to submit a vessel removal plan. Oil/Vessel Discharge Teams completed assessments of targets outside Motiva Refinery, Orange, Vidor and Beaumont. All targets were closed in Orange.

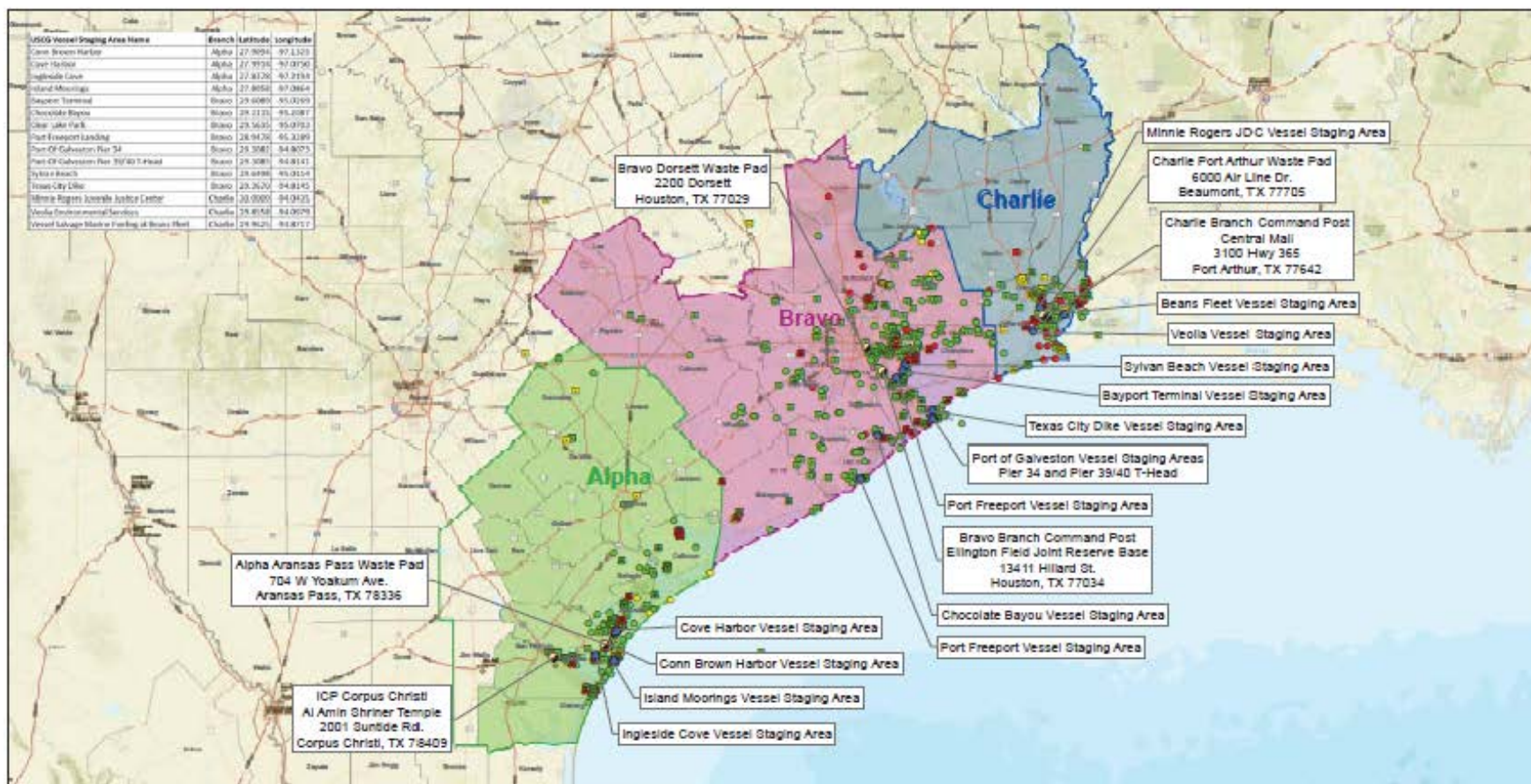
Orphan Container Recovery Teams retrieved multiple targets from Sabine Pass. Previously identified targets from Rose City Sand Corp in Vidor were removed. Teams require an airboat to retrieve the target at Texas State Highway 87 in High Island.

Participating Agencies

- Texas Commission on Environmental Quality
- Texas General Land Office
- Texas Parks and Wildlife
- US Environmental Protection Agency
- US Coast Guard
- National Oceanic and Atmospheric Agency

3. Personnel On Site

Agency	ICP	Alpha Branch	Bravo Branch	Charlie Branch	Totals
US EPA	9	1	32	8	50
USCG	17	25	48	20	110
TCEQ	2	0	22	7	31
TGLO	4	3	0	5	12
TXSG	0	0	2	0	2
CST	0	0	0	0	0
NOAA	0	0	0	0	0
Contractors	6	2	5	23	36
Totals	38	31	109	63	241



Legend		Federally Declared Counties:	
		in Alpha	in Bravo
			in Charlie
<p>Incident Command Post (ICP) / Staging Area</p> <p>Vessel Staging Location</p>			
Facility/Spill Assessment	Haz/Eval Items	Vessels	
<p>Open</p> <p>Open - Cleanup in Progress</p> <p>Closed</p>	<p>Open</p> <p>Open</p> <p>Closed</p>	<p>Access Denied/ Leave in Place/ Refer to Other Agency</p> <p>Open</p> <p>Open - Cleanup in Progress</p> <p>Closed</p>	

USA EPA REGION 6 SITREP Map Alpha, Bravo, Charlie

Hurricane Harvey Response
September 15, 2017

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FILE: C:\Users\jgarcia\Documents\EPA\Region 6\Hurricane Harvey\Region 6 SITREP Map\Region 6 SITREP Map 9/15/2017.mxd